II. AMENDMENTS TO CLAIMS

This listing of claims replaces all prior versions and listing of claims in the application.

Claims 1-10 (cancelled)

11 (withdrawn): A system for creating a spectral display, comprising:

(a) at least one source of light, wherein said light is within the visible spectrum; and

(b) at least one prismatic element, wherein said prismatic element further comprises:

(i) a fluid light dispersing medium; and

(ii) a highly reflective surface placed within said light dispersing medium, and wherein the angle of said reflective surface is adjustable relative to said source of light.

12 (withdrawn): The system of claim 11, further comprising an array of said prismatic elements, and wherein said prismatic elements in said array are arranged in a semi-arc relative to one another, and wherein said array can be selectively positioned relative to said source of light.

13 (withdrawn): The system of claim 11, further comprising at least two adjustable reflective surfaces placed within said light dispersing medium, and wherein said at least two adjustable reflective surfaces are substantially parallel to one another within said light dispersing medium.

14 (withdrawn): The system of claim 11, further comprising a supportive frame for containing said array and said fluid light dispersing medium.

15 (withdrawn): The system of claim 11, further comprising at least one target surface for said spectral display.

16 (withdrawn): The system of claim 11, wherein said at least one source of light an artificial light source, the sun, or combinations thereof.

17 (withdrawn): The system of claim 11, wherein said fluid light dispersing medium further comprises water.

18 (withdrawn): The system of claim 11, wherein said reflective surface further comprises a plate glass mirror.

19 (withdrawn): The system of claim 11, wherein said fluid light dispersing medium further comprises a preservative to prevent the growth of microorganisms in said fluid.

20 (withdrawn): The system of claim 11, wherein said fluid light dispersing medium further comprises substantially clear antifreeze for reducing any tendency of said fluid to freeze.

21 (cancelled)

22 (previously presented): A system for creating visible spectral displays, comprising:

(a) at least one monolithic prismatic device, wherein the monolithic prismatic device further comprises:

(i) at least one planar light-admitting surface, wherein at least a portion of the at least one light admitting surface further comprises a clear, polished window;

(ii) at least one planar light-reflecting surface, wherein the angle of the at least one light-reflecting surface is fixed relative to the position of the at least one light-admitting surface; and

(iii) a substantially solid light-dispersing medium disposed between the at least one light-admitting surface and the at least one light-reflecting surface; and

(b) a source of white light, wherein the white light enters the at least one prismatic device through the window and is dispersed into the spectrum of visible colors by the light-dispersing medium, and wherein the at least one light-reflecting surface reflects a portion of the dispersed light back out of the prismatic device through the window for creating a visible spectral display.

23 (previously presented): The system of claim 22, further comprising a display surface for visually displaying the spectral display created by the dispersed light exiting the at least one prismatic device through the window.

24 (previously presented): The system of claim 23, further comprising a flexible base attached to the at least one prismatic device, wherein the flexible base allows the prismatic device to be adjusted relative to the source of white light and relative to the display surface.

25 (previously presented): The system of claim 22, wherein the substantially solid light-dispersing medium further comprises glass, quartz, or plastic.

26 (previously presented): The system of claim 22, wherein the at least one light-reflecting surface further comprises a mirror.

27 (previously presented): The system of claim 22, wherein the light-dispersing medium further comprises glass, quartz, or plastic.

28 (previously presented): A prismatic device for creating directional spectral displays from a source of visible, white light, comprising:

(a) a first optically active surface, wherein the first optically active surface further comprises at least one light-admitting surface, and wherein the at least one light-admitting surface further includes a window adapted to receive white light;

(b) a second optically active surface, wherein the second optically active surface further comprises at least one light-reflecting surface, and wherein the angle of the at least one light-reflecting surface is fixed relative to the at least one light-admitting surface; and

(c) a substantially solid light-dispersing medium disposed between the first and second optically active surfaces, wherein the substantially solid light-dispersing medium disperses the white light into the spectrum of visible colors, and wherein the at least one light-reflecting surface reflects the dispersed light back though the window for creating a spectral display.

29 (previously presented): The prismatic device of claim 28, further comprising a base attached thereto.

30 (previously presented): The prismatic device of claim 29, further comprising a flexible stand attached to the base for positioning the prismatic device relative to the source of visible, white light.

31 (previously presented): The device of claim 28, wherein the first and second optically active surfaces are planar.

32 (previously presented): The device of claim 28, wherein the substantially solid light-dispersing medium further comprises glass, quartz, or plastic.

33 (previously presented): The device of claim 28, wherein the second optically active surface further comprises at least one mirror.

34 (previously presented): The device of claim 28, wherein the window further includes a highly polished, clear surface.

35 (previously presented): A method for creating a visible spectral display, comprising:

(a) directing a source of white light into at least one prismatic device, wherein the at least one prismatic device further comprises:

(i) at least one light-admitting surface, wherein the at least one light-admitting surface further includes a polished, clear window adapted to receive white light;

(ii) at least one light-reflecting surface, wherein the angle of the at least one light-reflecting surface is fixed relative to the at least one light-admitting surface;

(iii) a substantially solid light-dispersing medium disposed between the at least one light-admitting surface and the at least one light-reflecting surface; and

(b) wherein the white light enters the prismatic device through the window and is dispersed into the spectrum of visible colors by the light-dispersing medium, and wherein

the at least one light-reflecting surface reflects a portion of the dispersed light back out of the prismatic device through the window.

36 (previously presented): The method of claim 35, further comprising providing a display surface for receiving and visually displaying the spectral display created by the dispersed light exiting the prismatic device.

37 (previously presented): The method of claim 36, further comprising the step of attaching the prismatic device to a flexible base, and wherein the flexible base allows the prismatic device to be adjusted relative to both the source of white light and the display surface.

38 (previously presented): The method of claim 35, wherein the substantially solid light-dispersing medium further comprises glass, quartz, or plastic.

39 (previously presented): The system of claim 35, wherein the at least one light-reflecting surface further comprises at least one mirror.

40 (previously presented): The device of claim 35, wherein the at least one light-admitting surface is planar, and wherein the at least one light-reflecting surface is planar.

41 (new): A system for creating a colorful spectral display, comprising:

(a) at least one prismatic element, wherein the prismatic element further comprises:

(i) a substantially solid light-dispersing medium;

(ii) a highly reflective surface attached to the light-dispersing medium, wherein the highly reflective surface is planar; and

(iii) a window formed in the light-dispersing medium at a predetermined angle relative to the highly reflective surface, wherein the window is planar and further includes a clear, polished surface, and wherein the angle of the reflective surface relative to the window is fixed; and

(b) at least one source of white light directed at the window of the at least one prismatic element, wherein white light enters the prismatic element through the window, wherein

the light-dispersing medium disperses the white light into the spectrum of visible colors, and wherein the highly reflective surface reflects at least a portion of the dispersed white light back out of the prismatic element through the window for creating a colorful spectral display.

42 (new): The system of claim 41, further comprising multiple prismatic elements attached to one another, and wherein the reflective surfaces are substantially parallel to one another.

43 (new): The system of claim 41, further comprising an array of prismatic elements, wherein the prismatic elements in the array are arranged in a semi-arc relative to one another, and wherein the array can be selectively positioned relative to the source of light.

44 (new): The system of claim 43, further comprising a supportive frame for containing the array.

45 (new): The system of claim 41, wherein the light-dispersing medium further comprises plastic, polymer, glass, or quartz.

46 (new): A system for creating a spectral display, comprising:

(a) at least one prismatic element, wherein the prismatic element further comprises:

(ii) a planar reflective surface;

(i) a planar optical window set at a predetermined angle to the reflective surface, wherein the predetermined angle is about 30^0; and

(iii) a light-dispersing medium disposed between the optical window and the reflective surface; and

(b) at least one source of white light directed at the optical window of the at least one prismatic element, wherein white light enters the prismatic element through the optical window, wherein the light-dispersing medium disperses the white light into the spectrum of visible colors, and wherein the reflective surface reflects at least a portion of the

dispersed light back out of the prismatic element through the optical window and creates a colorful spectral display.